

Converting Colors

CIELCh(73, 25.948, 210.539)

Have a look what the booklet for
CIELCh(73, 25.948, 210.539)
contains.

CIELCh(73, 26.035, 209.705)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(73, 26.035, 209.705)

Conversions

Conversions Part 1

Format	Color
Hex	6DC0CA
RGB	109, 192, 202
RGB Percent	43%, 75%, 79%
CMY	0.5729, 0.2474, 0.2082
CMYK	0.46, 0.05, 0.00, 0.21
HSL	186°, 47%, 61%
HSV	186°, 46%, 79%
XYZ	35.7746, 45.1644, 62.6520
YIQ	168.3230, -52.6780, -14.4860

Conversions

Conversions Part 2

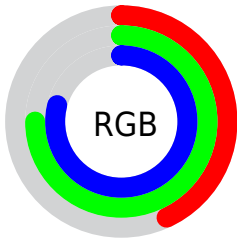
Format	Color
RYB	109, 153, 202
Decimal	7192778
CIELab	73.00, -22.61, -12.90
CIELCh	73, 26.035, 209.705
Yxy	45.1644, 0.2491, 0.3145
Android (android.graphics.Color)	4285382858 (0xFF6DC0CA)
YUV	168.3230, 16.6028, -52.0263
Hunter-Lab	67.2044, -22.5877, -8.2305

Details

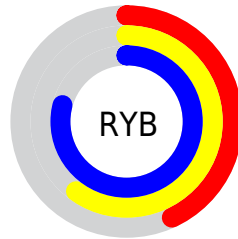
The CIELCh color **73, 26.035, 209.705** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **59, 36.942, 31.907**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 25.995, 204.727**, and **53, 26.040, 210.061** is the 20% darker color. If you saturate the color by 10%, you get **72, 29.929, 210.218**, and if you desaturate by 10%, it is **75, 21.390, 209.389**.

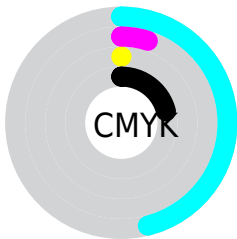
Distribution



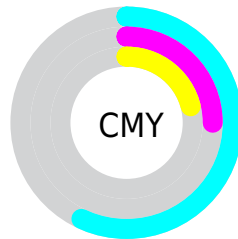
- Red (43%)
- Green (75%)
- Blue (79%)



- Red (43%)
- Yellow (60%)
- Blue (79%)



- Cyan (46%)
- Magenta (5%)
- Yellow (0%)
- Black (21%)





- Cyan (57%)
- Magenta (25%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 26.035, 209.705 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 73, 26.035, 209.705 by changing the saturation by 10% instead.


 73, 26.035,
209.705


 73, 26.035,
209.705


 100, 26.035,
209.705


 63, 26.035,
209.705


 93, 26.035,
209.705

 53, 26.035,
209.705

 43, 26.035,
209.705

 33, 26.035,
209.705

 23, 26.035,
209.705

 13, 26.035,
209.705

 3, 26.035, 209.705

0, 26.035, 209.705

73, 26.035,
209.705

73, 26.035,
209.705

72, 29.929,
210.218

75, 21.390,
209.389

70, 32.996,
210.975

76, 16.093,
209.244

69, 35.193,
212.016

78, 10.254,
209.242

68, 36.532,
213.384

80, 3.976, 209.412

82, 2.643, 29.226

68, 37.099,
215.109

84, 9.518, 29.608

67, 37.218,
215.844

87, 16.576, 29.910

■ 88, 17.814, 32.950

■ 88, 17.311, 37.042

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



73, 26.035, 209.705



59, 36.942, 31.907

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73, 26.035, 209.705



73, 26.035, 259.705



73, 26.035, 29.705



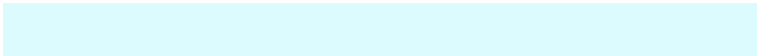
73, 26.035, 79.705

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



73, 26.035, 209.703



97, 10.864, 209.257



74, 56.120, 143.480



51, 7.451, 209.240



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73, 26.035, 209.703



89, 35.557, 210.199



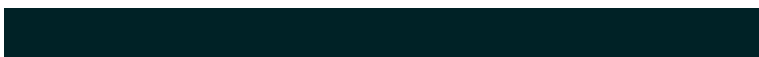
60, 32.871, 273.795



42, 3.722, 209.325



56, 32.176, 215.536



11, 12.191, 211.150

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



59, 55.627, 330.195



69, 78.455, 330.747



70, 34.607, 79.282



40, 7.002, 328.019



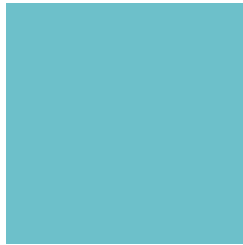
38, 76.995, 332.991



5, 26.619, 331.313

Previews

White Background



This preview shows how the CIELCh color 73, 26.035, 209.705 looks on a white background.

Color Contrast Check

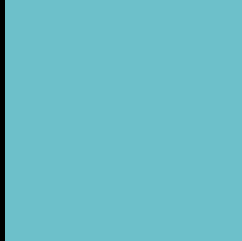
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 73, 26.035, 209.705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

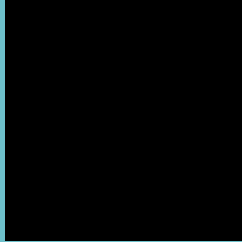
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 26.035, 209.705

Background



This preview shows how black text looks on a background with the CIELCh color 73, 26.035, 209.705.

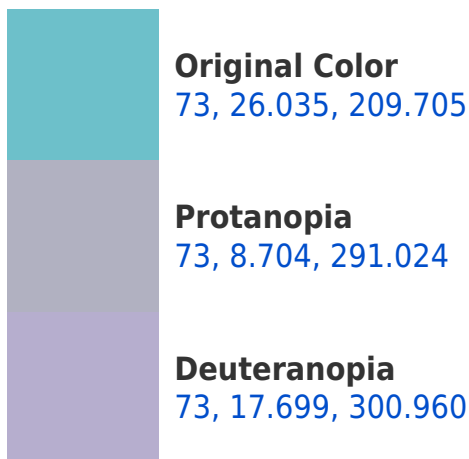


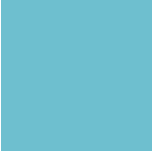
This preview shows how white text looks on a background with the CIELCh color 73, 26.035, 209.705.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

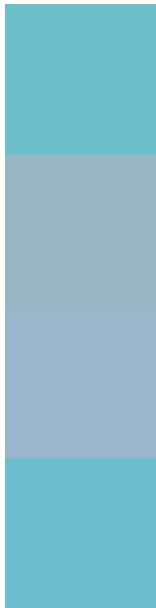
Dichromacy





Tritanopia
73, 25.886, 217.482

Trichromacy



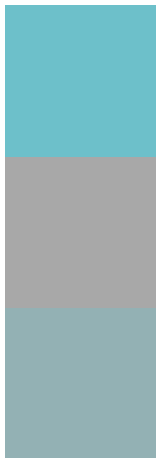
Original Color
73, 26.035, 209.705

Protanomaly
72, 12.635, 236.017

Deuteranomaly
73, 15.484, 256.803

Tritanomaly
73, 25.731, 215.001

Monochromacy



Original Color
73, 26.035, 209.705

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 10.742, 207.428

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 26.035, 209.705 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(109, 192, 202)` looks like.

```
.text, #text, p{  
    color:rgb(109, 192, 202)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(109, 192, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 192, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 26.035, 209.705 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(109, 192, 202) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(109, 192, 202) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(109, 192, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 192, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 192, 202);  
box-shadow:4px 4px 4px 4px rgb(109, 192,  
202) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 26.035, 209.705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 192, 202) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(109,  
192, 202) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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